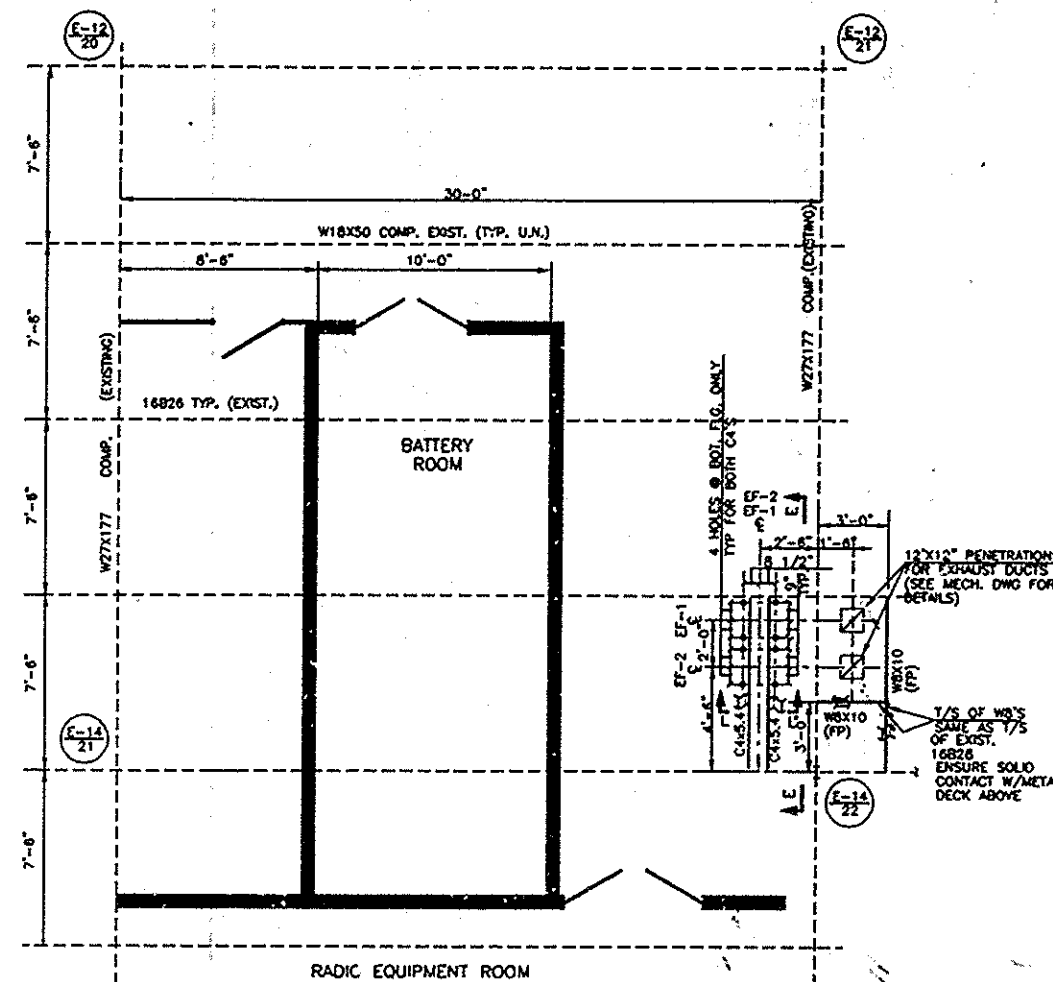


- 1) TOPS OF ALL DS SHALL BE INSTALLED ACCURATELY AT SAME ELEVATION AND SHALL BE LEVEL.
- 2) CLEAN EXISTING CONCRETE SURFACE THOROUGHLY BY WIRE BRUSH BEFORE PLACING GROUT.
- 3) PAINT ALL STRUCTURAL STEEL AS PER STEEL NOTES #11.

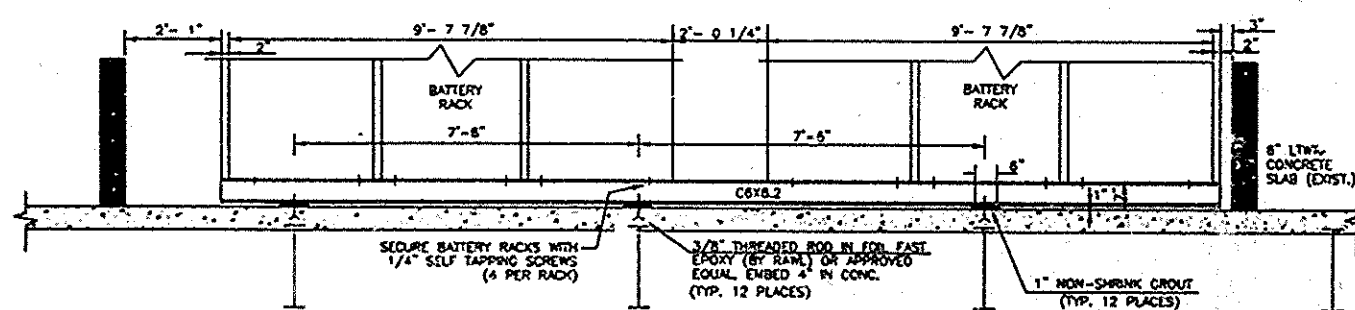
PARTIAL PLAN - BATTERY ROOM (9th FLOOR)

SCALE IN FEET



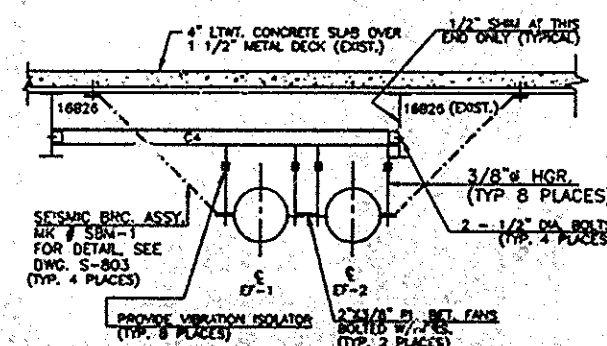
PARTIAL PLAN - FAN SUPPORT EF-1, EF-2 (10th FLOOR LEVEL)

SCALE IN FEET



SECTION A-A

SCALE IN FEET



SECTION E-E

SCALE IN FEET

STEEL NOTES

1. ALL STRUCTURAL STEEL SHAPES & PLATES SHALL BE NEW, HOT ROLLED STEEL AND CONFORM TO ASTM A-36.
2. GUSSETS SHALL BE 3/8" THICK MINIMUM.
3. ALL BOLTS SHALL BE 3/4" DIA ASTM A-325M HIGH STRENGTH BOLTS, WITH HEAVY DUTY NUTS & HARDENED WASHERS, UNLESS NOTED.
4. BOLT HOLE SIZE SHALL BE 1/16" LARGER THAN THE RESPECTIVE BOLT SIZE.
5. WELDING ELECTRODES SHALL BE E70XX TYPE.
6. CONTRACTOR SHALL SUBMIT ERECTION & SHOP DETAIL DRAWINGS FOR APPROVAL PRIOR TO STARTING FABRICATION.
7. CONTRACTOR SHALL VERIFY ALL DIMENSIONS & ELEVATIONS PRIOR TO STARTING SHOP DETAIL DRAWINGS.
8. ALL FIELD CONNECTIONS SHALL BE BOLTED.
9. ALL CONNECTIONS INCLUDING THOSE TO EXIST. STEEL, SHALL CONFORM TO AISC DETAILING MANUAL, LATEST EDITION, USING MM. 2 BOLTS AT EACH CONNECTION.
10. ALL WORK SHALL CONFORM TO AISC MANUAL OF STEEL CONSTRUCTION, 9th EDITION.
11. STRUCTURAL STEEL PAINTING SHALL CONFORM TO SPEC. #09910.
12. PAINT SYSTEM SHALL CONFORM TO THE APPENDIX C TO THIS SPECIFICATION AND SHALL HAVE A MINIMUM THICKNESS OF 2 MIL DFT PER COAT.

CONCRETE NOTES

1. CONCRETE WORK SHALL CONFORM TO THE BUILDING CODE REQUIREMENT FOR REINFORCED CONCRETE (ACI 318-89) AND SHALL COMPLY WITH ALL LOCAL LAWS AND ORDINANCES.
2. CONCRETE SHALL BE CLASS 'D', CONFORMING TO SPEC #03300.
3. REINFORCING STEEL SHALL CONFORM TO ASTM A615, GRADE 60 (Fy=60 KSI).
4. CONCRETE PROTECTION FOR REINFORCEMENT SHALL CONFORM TO ACI 318-89.
5. ALL EXPOSED CONCRETE SURFACES SHALL BE FORMED WITH PLYWOOD OR METAL IN GOOD CONDITION. ALL EXPOSED CONCRETE EDGES SHALL HAVE A 3/4" CHAMFER.
6. ALL GROUT SHALL BE NON-SHRINK AND NON-METALLIC TYPE, CONFORMING TO SPEC. 03602.

LEGEND & ABBREVIATIONS

---	EXISTING STRUCTURE LINES
---	WIRE MESH PARTITION
---	NEW STRUCTURE LINES
---	SEISMIC BRACING IN DIRECTION SHOWN
X	SEISMIC BRACING IN BOTH DIRECTIONS
EF-1 & 2	SEISMIC BRACING
AC-1	EXHAUST FAN
ADD'L	ADD'L
ASSY.	ASSEMBLY
BUT.	BUT.
BRC.	BOTTOM BRACING
COMP.	COMPOSITE BEAM
CONC.	CONCRETE
EA.	EACH
ENCLD.	ENCLOSURE
EXIST.	EXISTING
EXP.	EXPANSION
F3	FLOOR FINISH
FLR.	FLOOR
FR.	FIREPROOF
GA.	GAGE
HEX.	HEXAGONAL
HGR'S	HANGERS
INR.	INSIDE DIAMETER
OD	OUTSIDE DIAMETER
PL.	PLATE
TH.	THICK
SCH.	SCHEDULE
TYP. SUP'T	TYPICAL SUPPORT
VF	VERIFY IN FIELD

Sheet 90 of 110

THE PORT AUTHORITY
OF NY & NJ



ORIGINAL SIGNED & SEALED BY
N.Y. S.E. (OR R.A.)

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Fax: (908) 755-4446

I HEREBY CERTIFY THAT THIS IS A TRUE AND CORRECT COPY OF ONE OF THE CONTRACT DRAWINGS FOR THE PROJECT IN WHICH SAID DRAWINGS EXISTED AT THE TIME THE SAID CONTRACT WAS EXECUTED BY THE PARTIES.

DATE 1/16/98 *Signature*
DATE 4/10/98 *Signature*

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